Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	BDService
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	04/26/2018 10:35 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 25720, Expiration Date: 06/30/2017
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	614	125000	125000	1.36	132985	1.3	21313	2.7
Blue	F	SSC	557	125000	125000	3.14	123316	2.9	60778	1.77
Blue	E	FITC	547	22798	23615	2.46	1014	10.59	115	41.08
Blue	D	PE	550	30844	26739	2	1109	10.06	243	29.65
Blue	B	PerCP-Cy5-5	651	55416	48339	3.41	1594	17.75	248	46.64
Blue	A	PE-Cy7	700	46745	45021	5.24	717	37.71	75	131.79
Red	C	APC	600	55428	53064	2.71	3177	9.48	359	28.08
Red	A	APC-Cy7	586	60992	57175	2.65	1257	11.42	138	40.9
Violet	B	V450	481	16787	14728	2.94	807	8.63	97	42.77
Violet	A	V500	507	65811	58621	2.67	2915	5.98	212	23.62

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.0240	-14.2	N/A	N/A	N/A
Blue	E	FITC	125	239017	7.3383	-15.7	22.7	0.0197	274
Blue	D	PE	45	239981	7.2633	-15.4	24.7	0.1512	243
Blue	B	PerCP-Cy5-5	301	233479	7.3542	-16.0	26.8	0.009	66
Blue	A	PE-Cy7	86	232398	7.4348	-16.5	24.9	0.0106	20
Red	C	APC	74	239019	7.3864	-15.8	20.8	0.0202	55
Red	A	APC-Cy7	85	241965	7.4041	-15.7	21.2	0.0053	1541
Violet	B	V450	154	241753	7.3528	-15.5	16.1	0.0459	2052
Violet	A	V500	95	241893	7.5874	-15.7	16.7	0.0136	565

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.83	-31.42	0.94
Blue	20.34	16.27 - 24.41	1.25	0.99 - 1.49	0.00	0.00	1.39
Red	16.54	14.40 - 21.60	N/A	N/A	31.28	31.75	1.20

Window Extension: 7.00
FSC Area Scaling Factor: 0.89

Threshold

Threshold (FSC): 11935

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments

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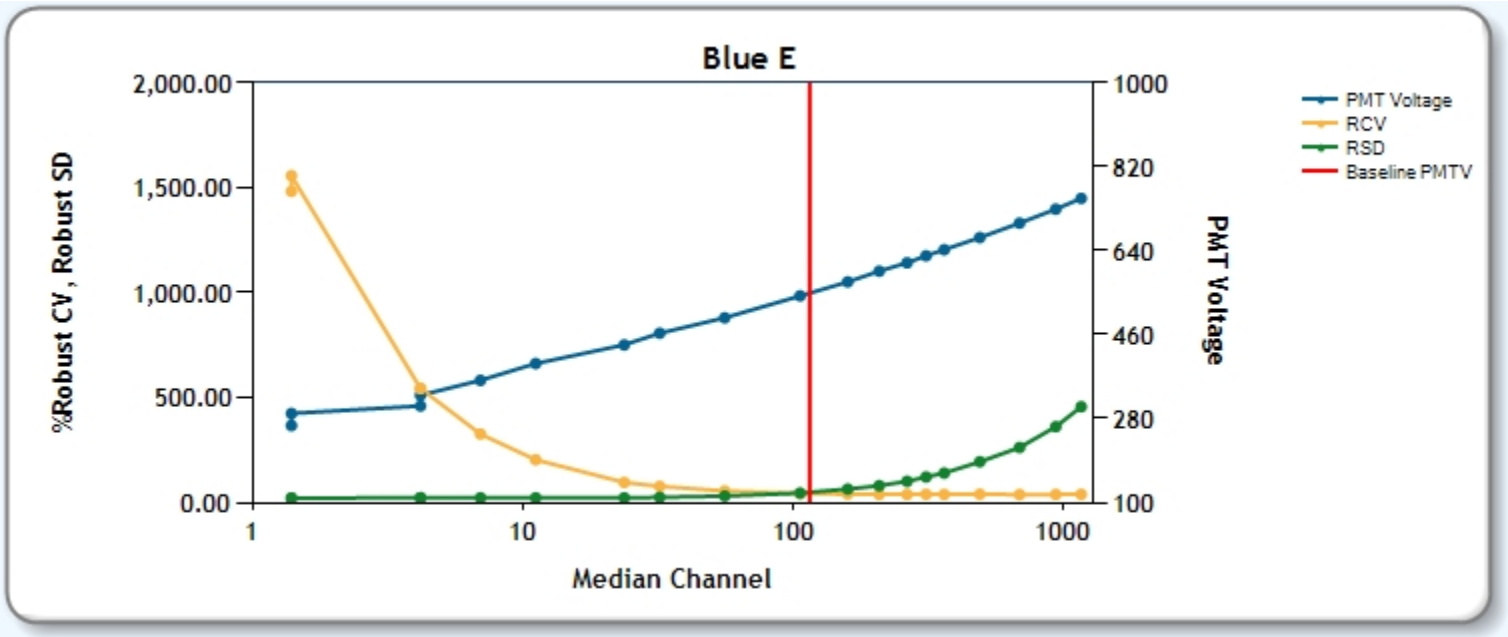
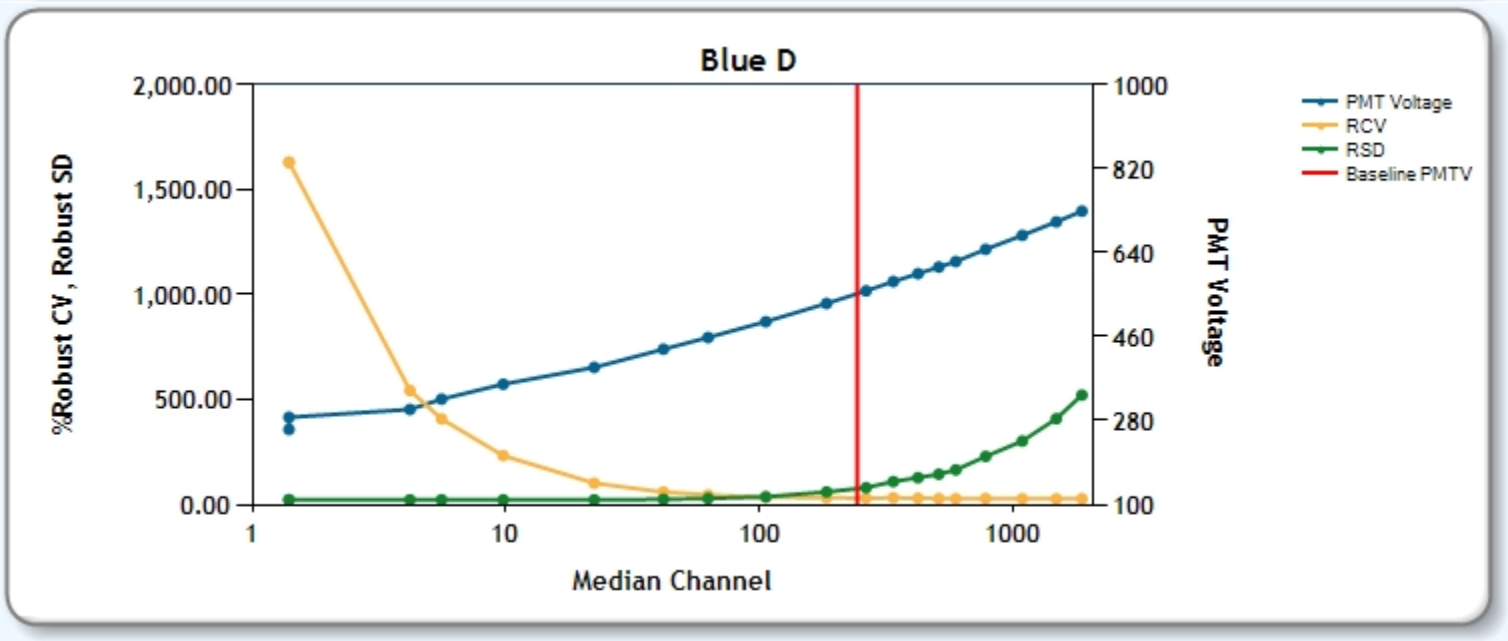
PMTV Optimization Results





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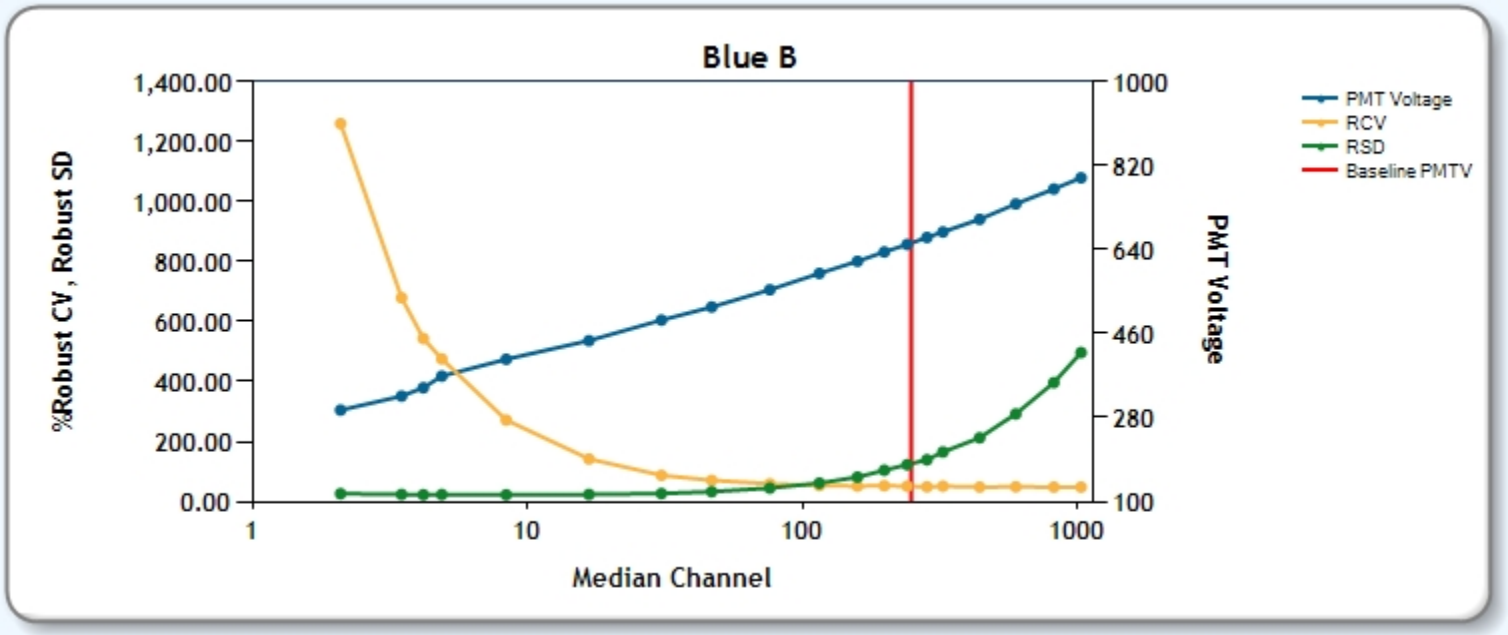

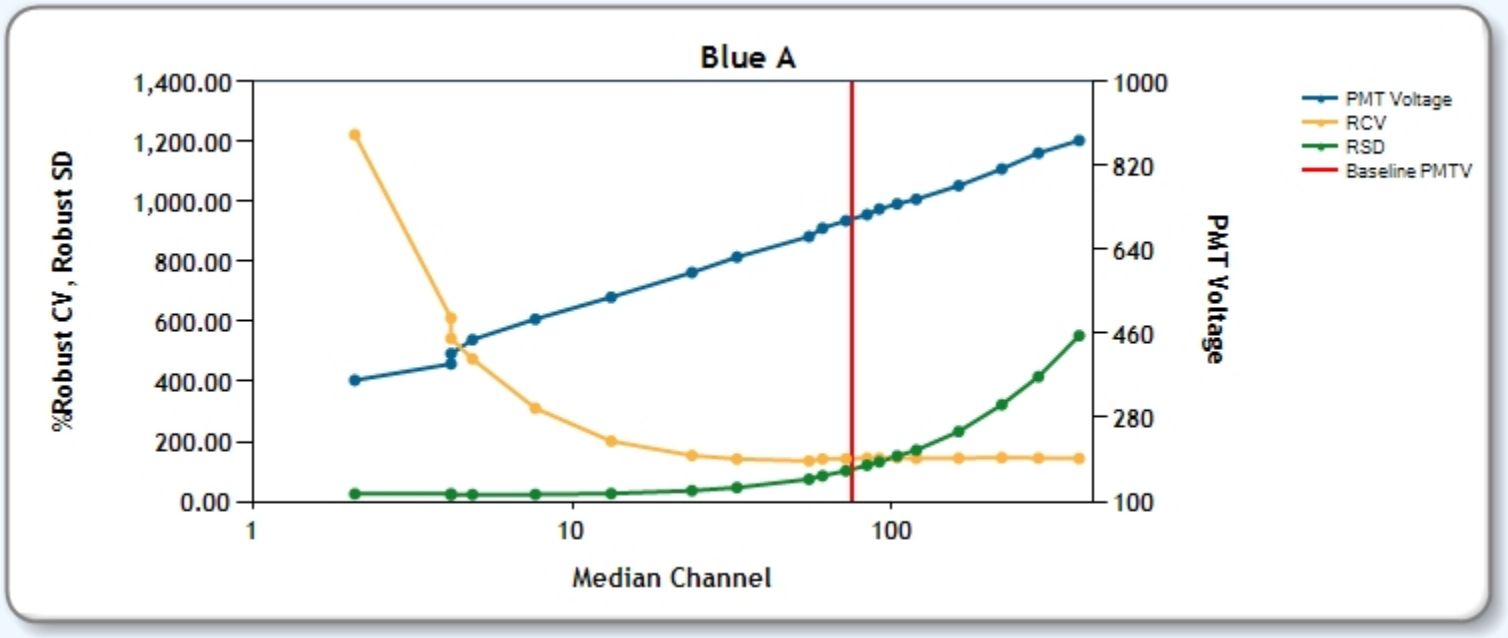

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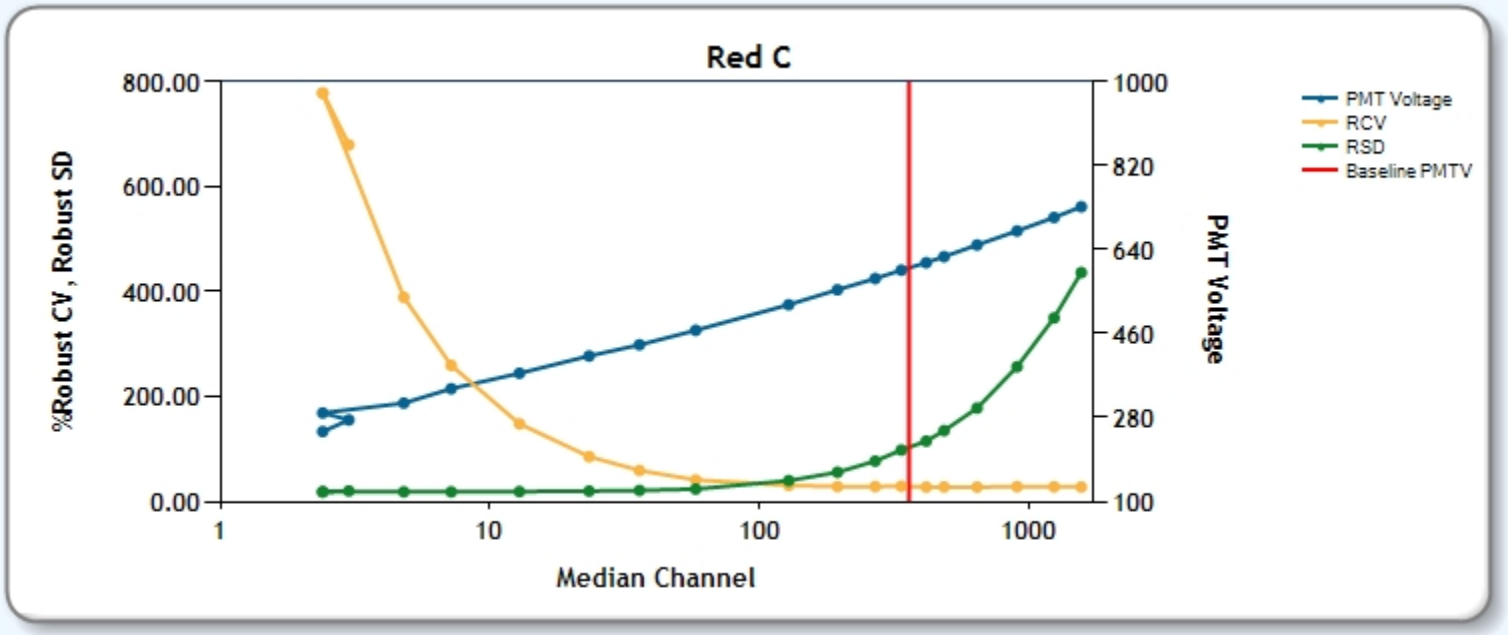

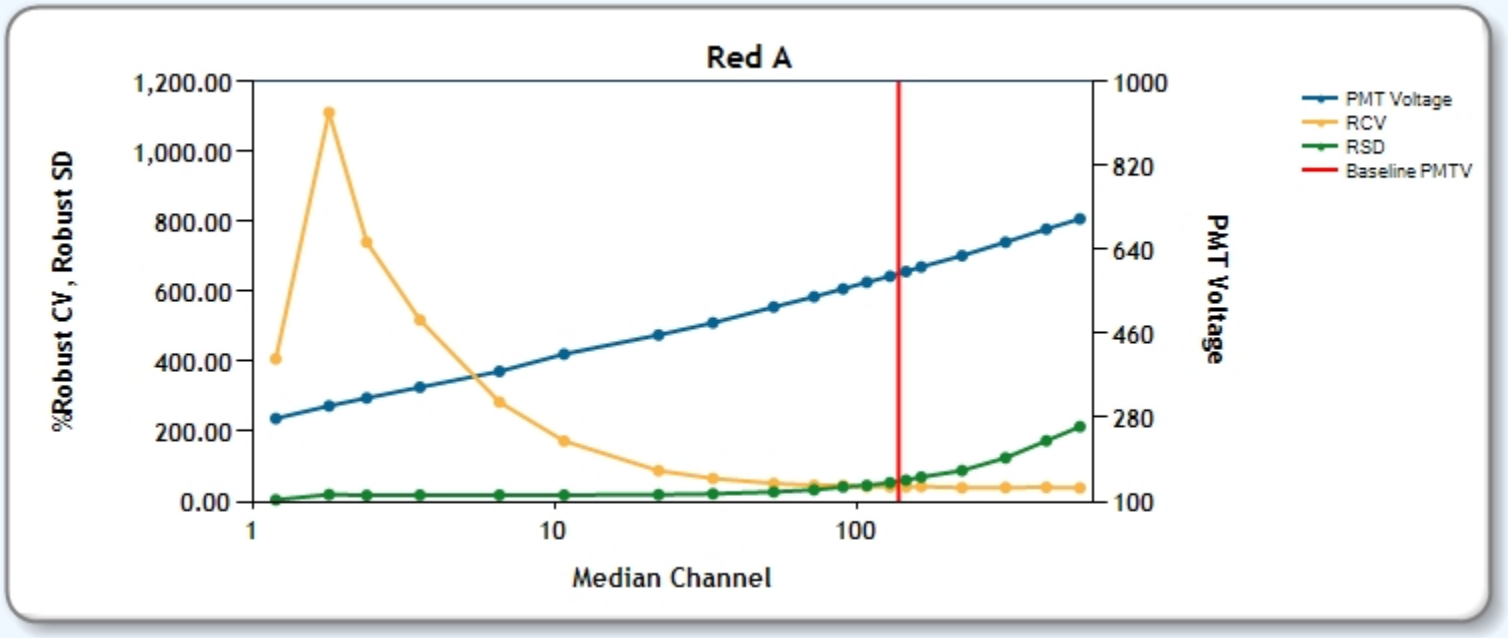

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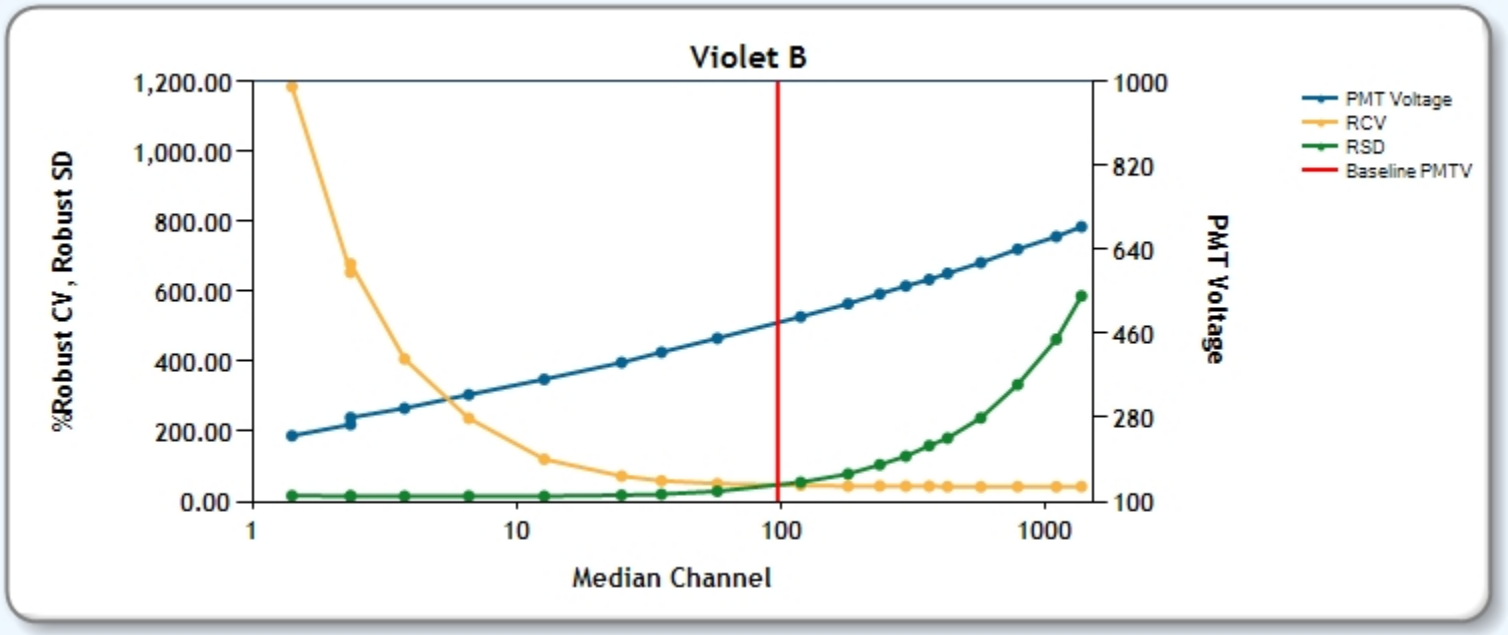

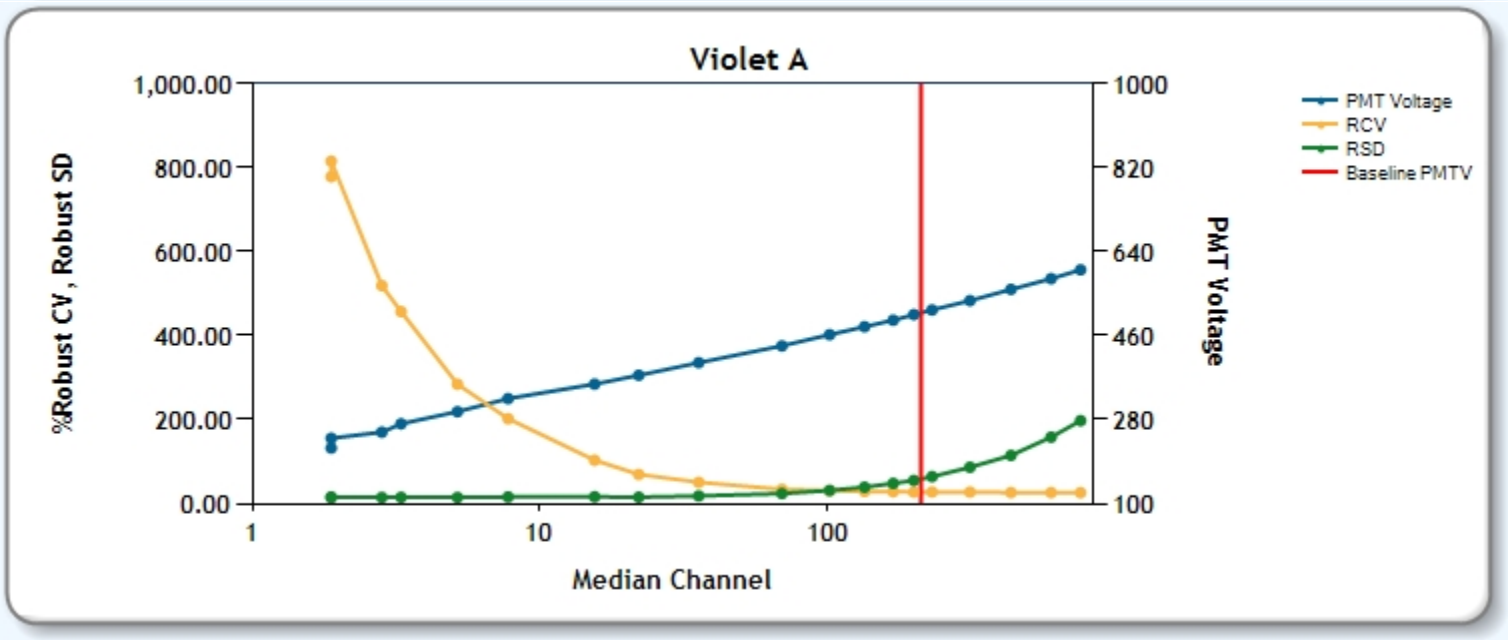

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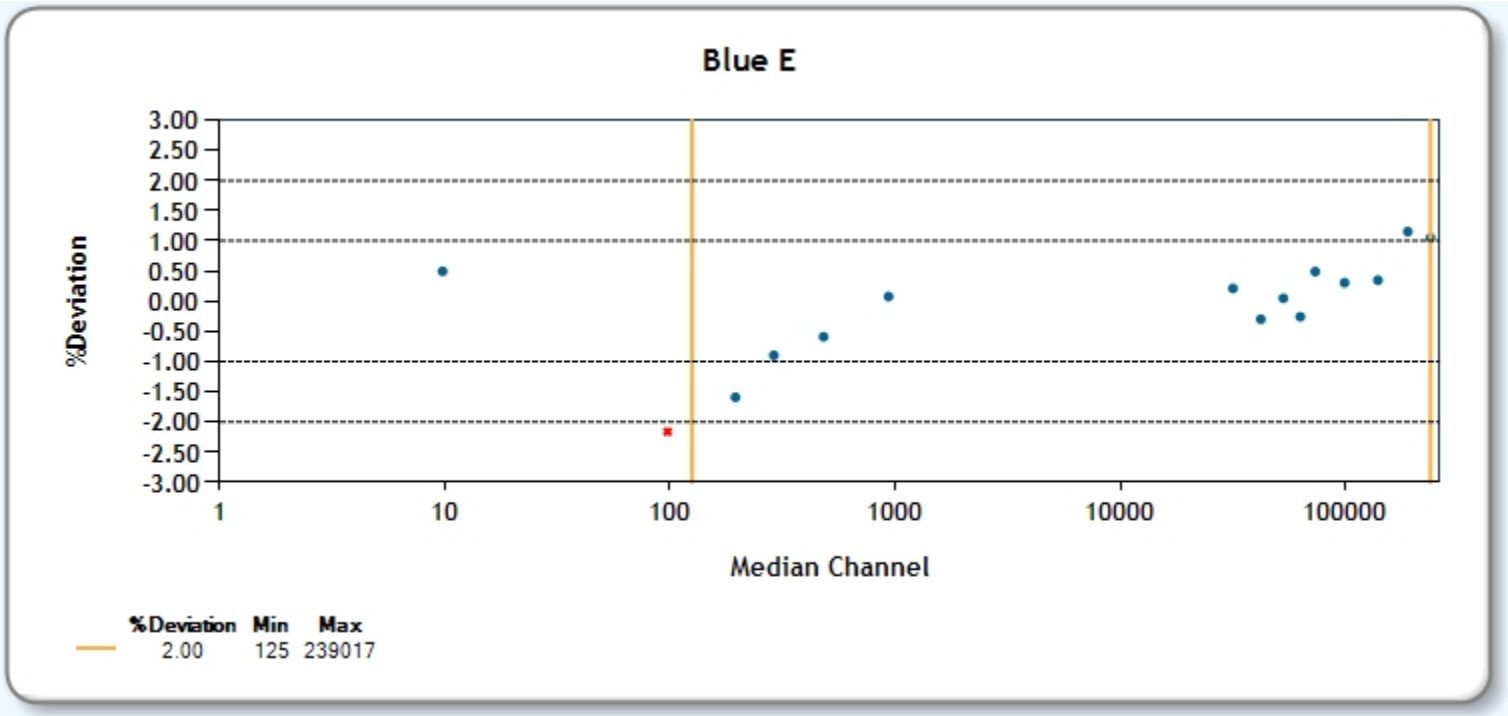
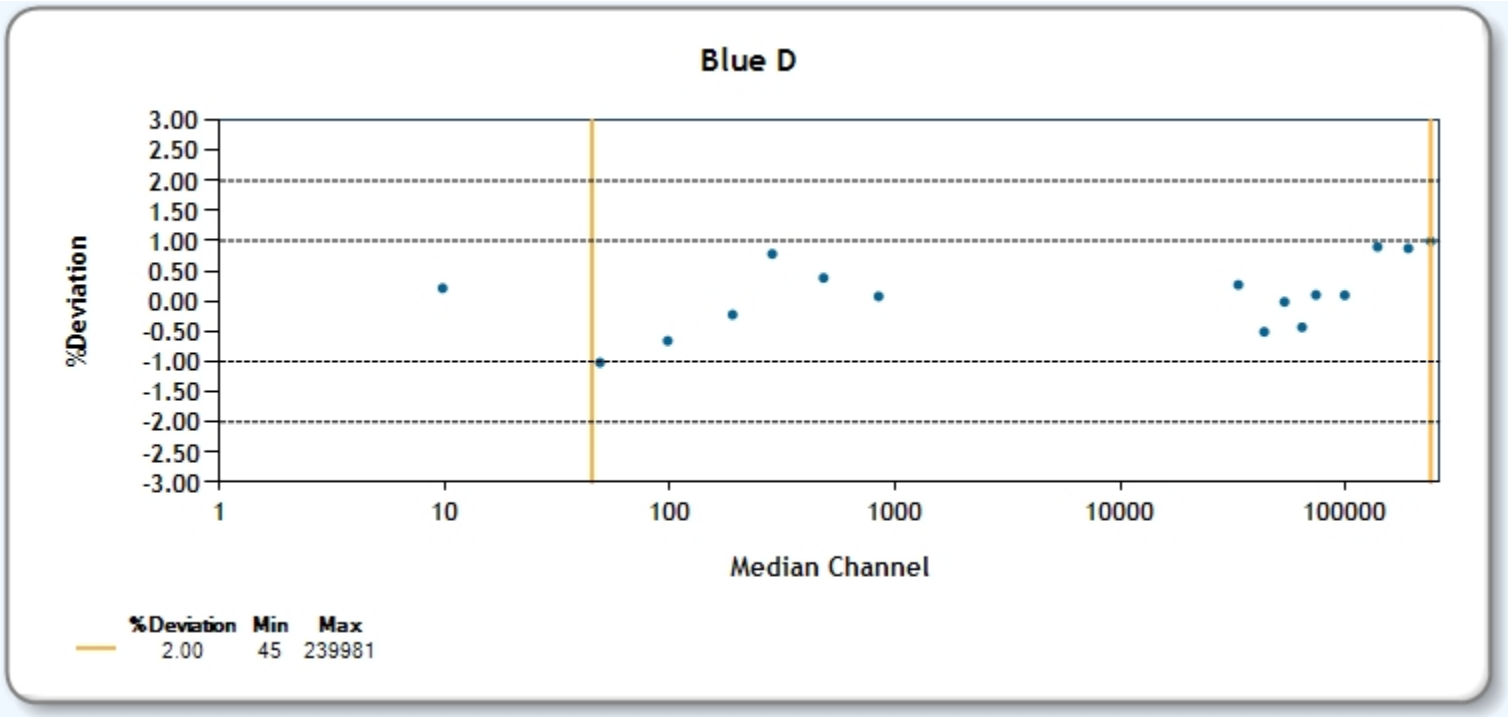
Linearity Results





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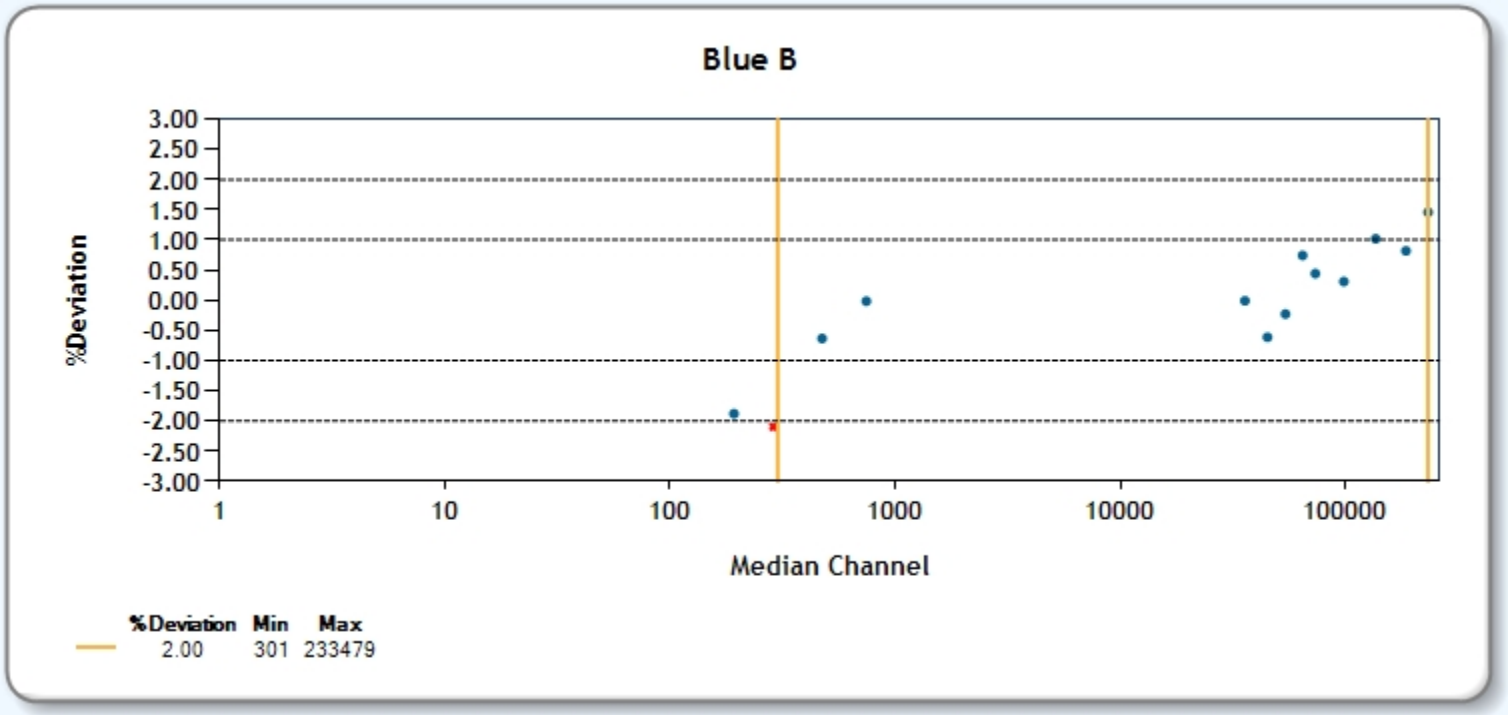

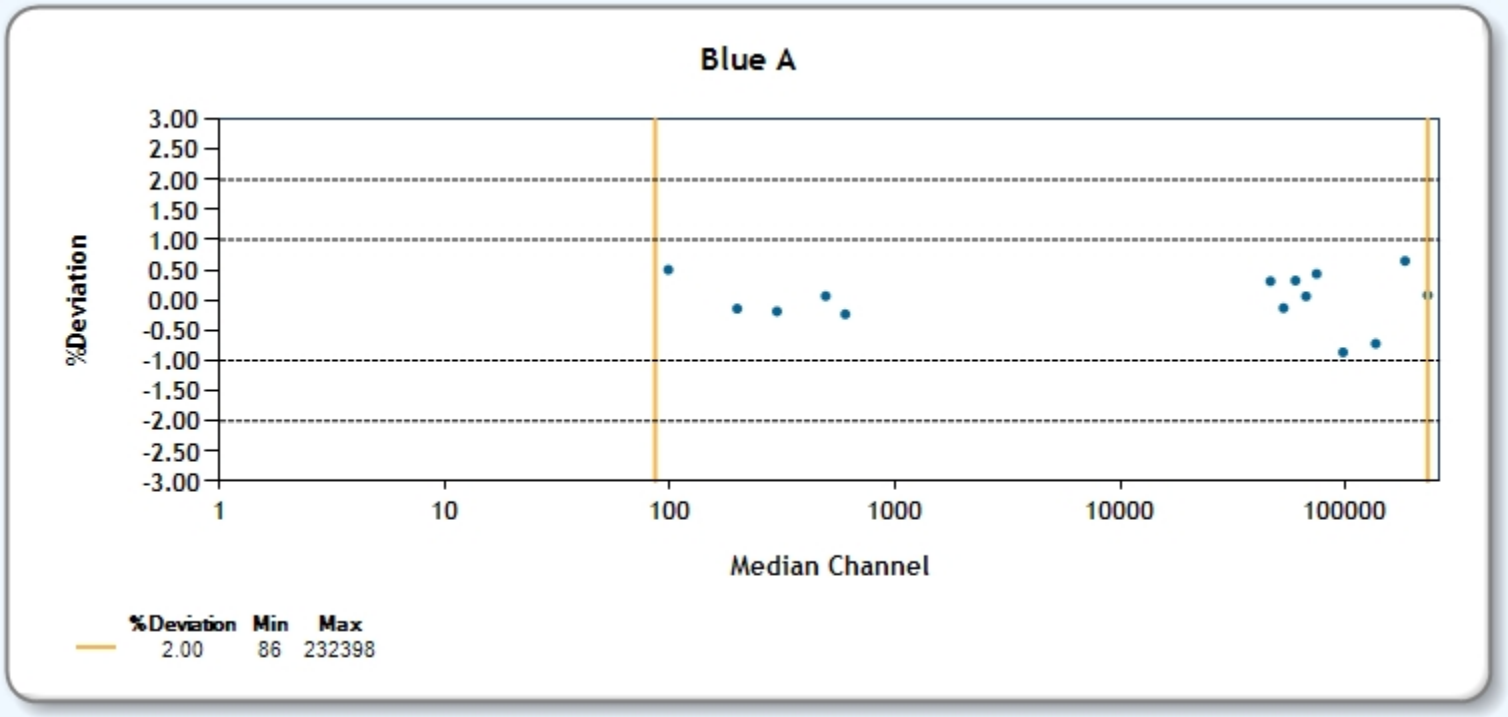

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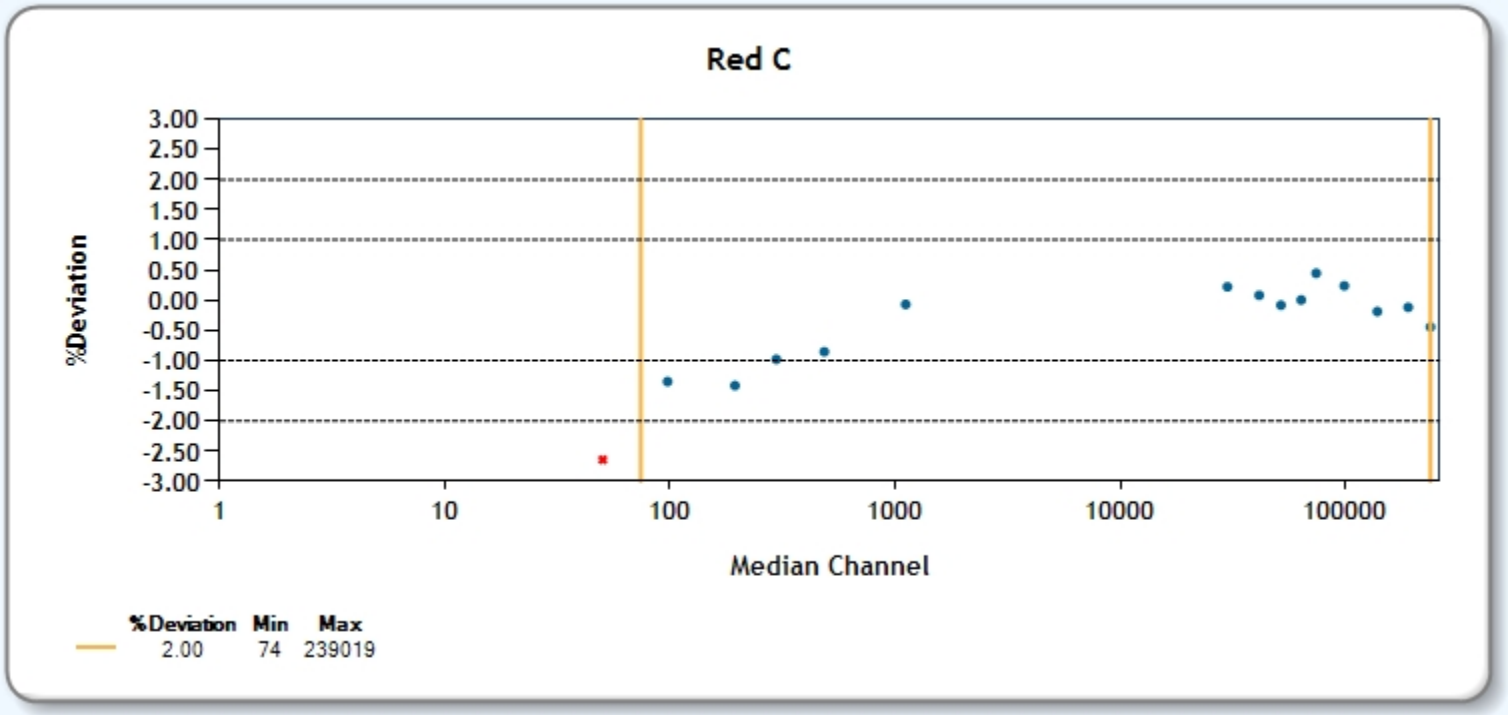

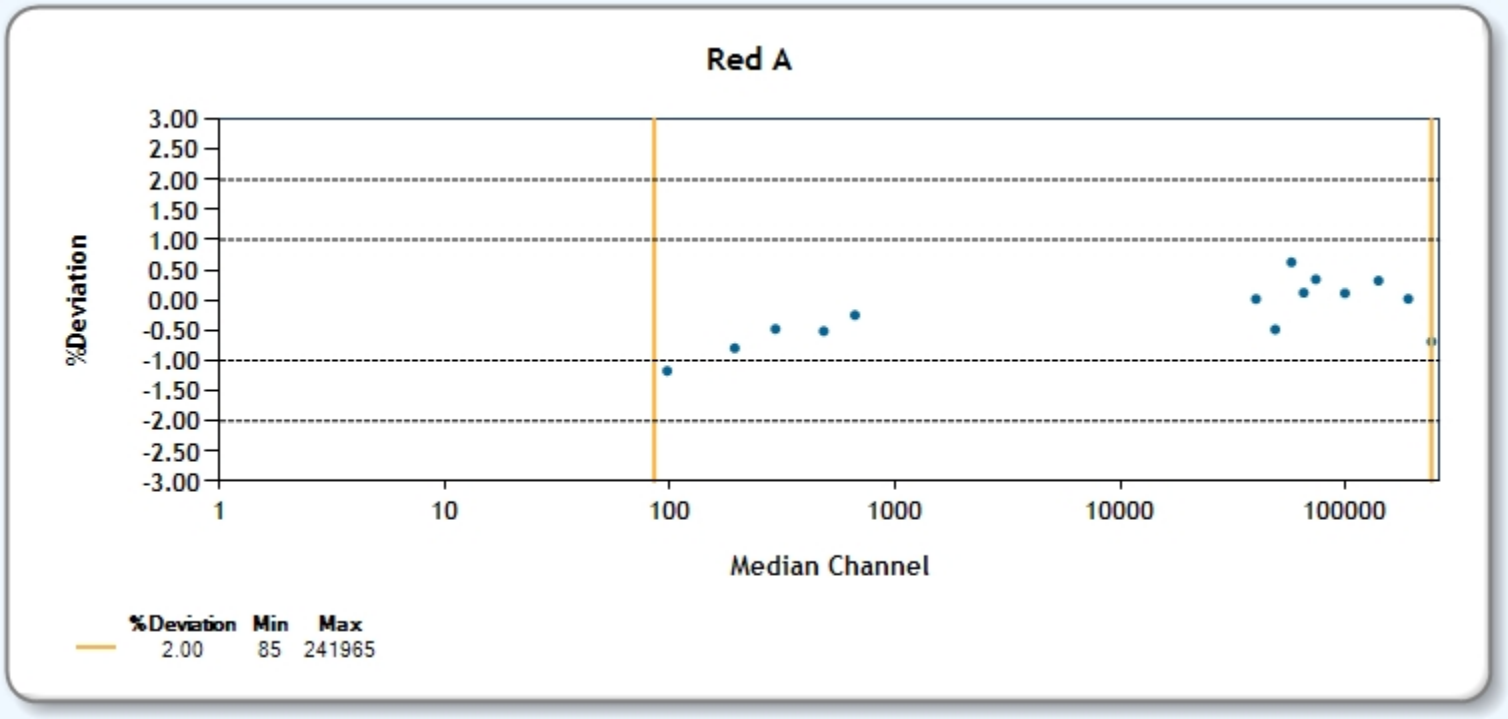

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